

ABSTRACT

MAKING THE LINE IN, LINE OUT, AND COMB THE MACHINE CHOPPER *RAMBAK*'s CRACKERS

by:

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Rambak's crackers chopper machine that consists of inlet and outlet of the outside of the comb is a machine that also acts as engine cover and protect employees from rotating parts in the engine. The purpose of the Final Project creation inlet, outlet and the comb is (a) knowing the materials used, (b) know the manufacturing process, (c) know the connection between components and the assembly of the inlet and outlet of the comb with the order, (d) know how long it takes to work on the inlet, outlet, and a comb, (e) know how long it takes for the assembly of components with the framework.

The method used in the manufacture of components including the identification of working drawings, material identification, and identification of machinery and tooling equipment. Stages of manufacture consisted of material selection, material preparation, cutting, drilling, forming, connection and completion of the surface. Given these methods, is expected to make components in accordance with working drawings and to function properly.

The materials used to make the inlet, outlet and combs are stainless steel plate with a thickness of 1.2 and 1.5 mm. Making process include: material preparation process, the cutting process, the drilling process, the process of formation, the process of splicing, the process of finishing. Assembly inlet, outlet, and a comb with a frame using bolt connections. The time required for the process of making the inlet is ± 115 minutes, the time required for the process of making the outlet is ± 115 minutes., And the time required for the manufacture of combs is ± 395 minutes.

Keywords: inlet, outlet and *rambak*'s crackers comb chopper machine.